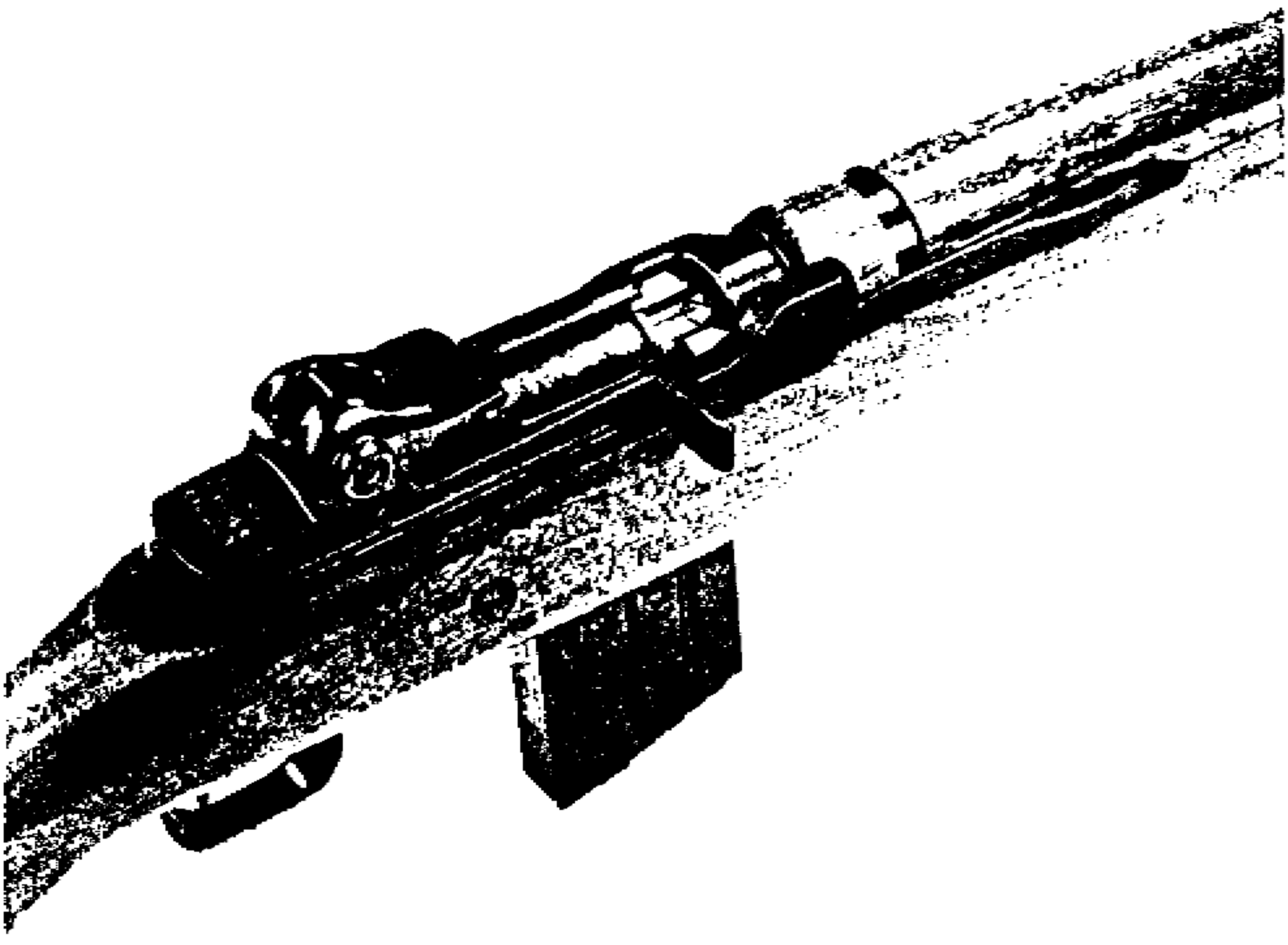
# INSTRUCTIONS and PARTS LIST

for

# RUGER®

# MINI-14®

## .223 (5.56) CALIBER



# STURM, RUGER & COMPANY, INC.

## SOUTHPORT, CONNECTICUT 06490 U.S.A.

*RUGER FIREARMS ARE DESIGNED AND MANUFACTURED IN RUGER FACTORIES IN THE UNITED STATES OF AMERICA.*

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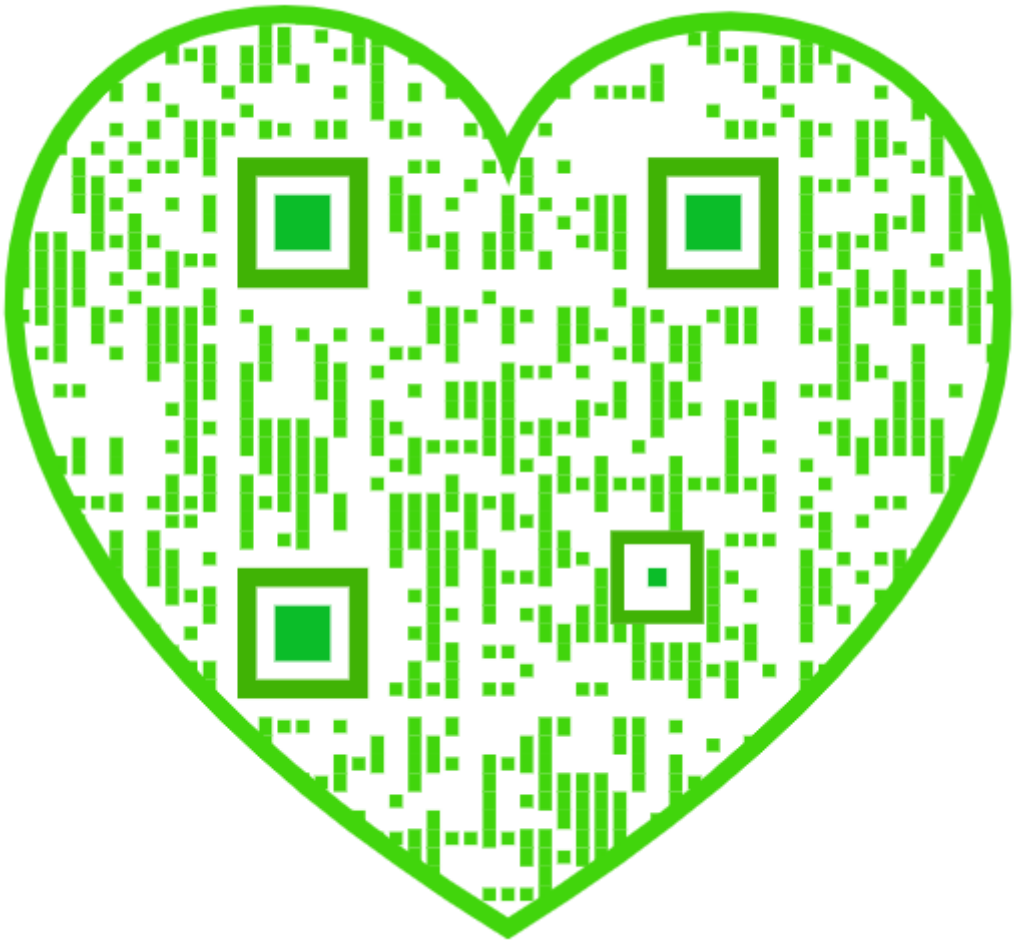
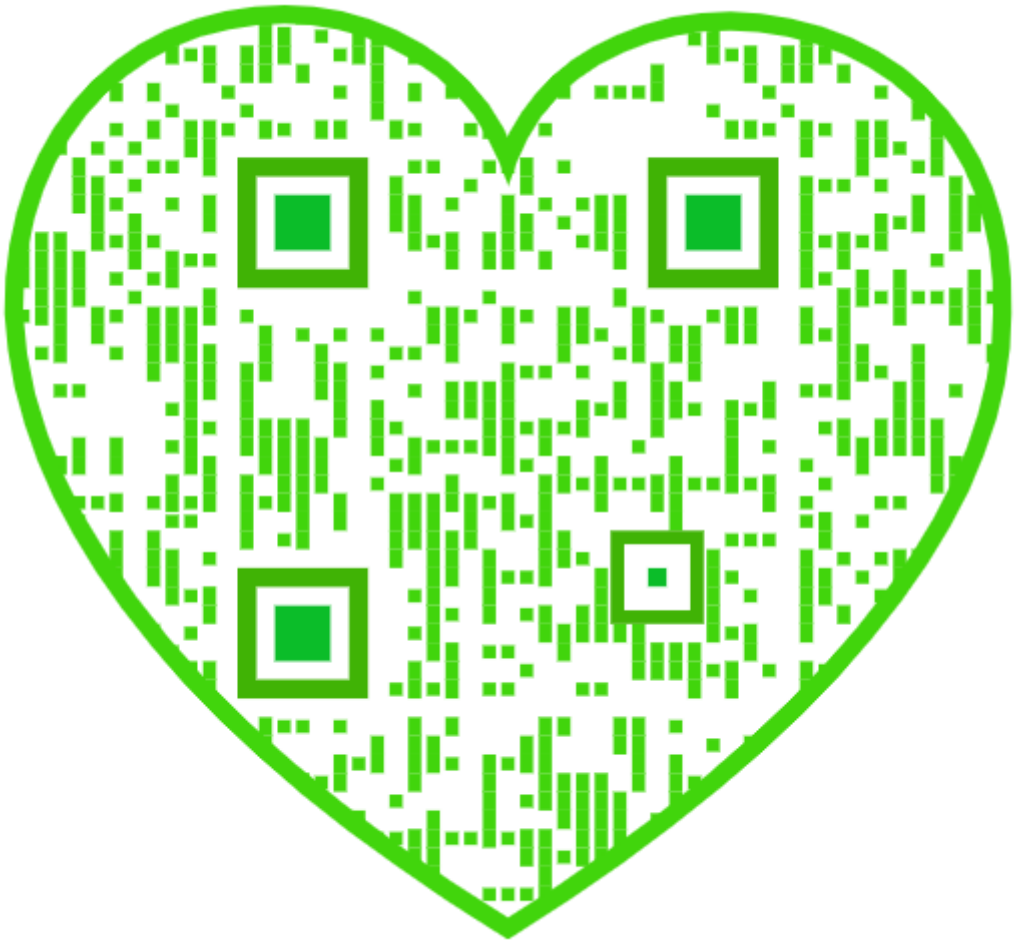




## GENERAL INFORMATION

The Ruger MINI-14 Rifle is a gas operated, box magazine fed, semi-automatic firearm designed and manufactured in Ruger factories in the U.S.A. and based on the Ruger fixed piston/mobile cylinder gas operating system. It is chambered for .223 (5.56mm) U.S. military and commercial cartridges.

Compact, simple and reliable, the mechanism is composed of relatively few, extremely rugged components. The stock, the barrel and the magazine constitute the major weight of the MINI-14. Its breech and firing mechanisms are held to a minimum in size and weight by the efficient use of hardened chrome-molybdenum steels. Music wire coil springs are used throughout the mechanism to insure reliability under field operating conditions.

The gas system is a fixed piston, moving cylinder, self-cleansing design. Unburned powder particles are automatically vented from the system. The firing pin is retracted mechanically during the first part of the unlocking of the bolt. The arm can only be fired when the bolt is safely locked. Although it resembles several U.S. Military Standard arms in outward appearance, the mechanism and operating characteristics of the MINI-14 are unique, therefore, careful study must be given to the operating and maintenance instructions which are contained in this manual.

The MINI-14 conforms to basic Ruger principles of design and construction throughout. Light weight and great strength is achieved by innovative engineering and the use of the finest available materials. Every component part of the MINI-14 is built far better and stronger than it need be.

## AMMUNITION

The MINI-14 is designed to use either U. S. Military, Commercial Sporting, or other .223 (5.56mm) caliber ammunition manufactured to U. S. industry standards.

## SAFETY MECHANISM

### NEEDLESS TO SAY:

*Never* aim at anything which you do not wish to shoot. *Always* keep the muzzle pointing in a safe direction. *Be sure* of your backstop or direction of fire before shooting.

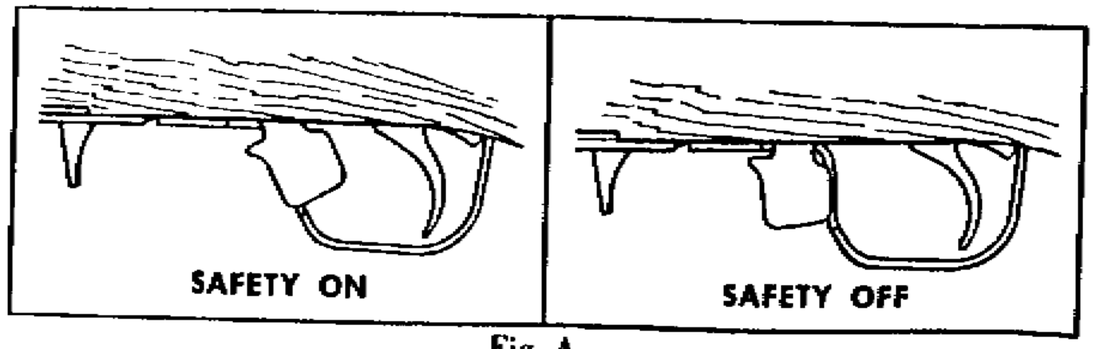



Fig. A.



The manual safety mechanism is located forward of the trigger as illustrated in "A" above. The safety can be moved to "On" only when the hammer is cocked. When the safety is in the "On" position, it blocks both the hammer and the sear. Although the safety is properly designed and fitted, never depend on it, or any mechanical device, to justify unsafe handling or pointing of the firearm.

### BOLT HOLD OPEN LATCH

The MINI-14 is equipped with a Bolt Hold Open mechanism which automatically engages to hold the bolt and slide to the rear when the last cartridge has been fired or whenever the slide is cycled while an empty magazine is in place.

WARNING: Unless an empty magazine is in place, the Bolt Hold Open Latch will be automatically released by any rearward motion of the slide. Should the carbine be dropped or strongly jarred with the Bolt Hold Open engaged and a charged magazine in place, the slide may be released and will then go forward, chambering a cartridge.

The Bolt Hold Open Latch is located on the left side of the receiver and is engaged by a projection which contacts the follower of an empty magazine.

To release the slide either:

1. Remove the empty magazine, then draw the cocking handle to the rear and release or,

2. Draw the cocking handle fully to the rear, then depress the forward end of the Bolt Hold Open Latch and while pushing down on the latch allow the slide to go forward.

To manually engage the Bolt Hold Open Latch:

1. Pull cocking handle entirely to the rear.

2. Depress rear portion of Bolt Hold Open Latch.

3. While holding latch depressed — allow slide to come forward until it is stopped by the latch.

### LOADING THE MAGAZINE

Use only ammunition of the proper caliber, in good condition and made by a reputable manufacturer.

The magazine is of staggered column double row design. To load the magazine simply align the cartridge with the bullet pointing towards the hole in the front of the magazine body and push downwards until the cartridge snaps into place. Do not attempt to load more than the designed number of cartridges.

If feed problems are experienced due to improper bullet construction, loading one or two cartridges less than the full magazine capacity will frequently allow the cartridges to feed.

### INSERTING THE MAGAZINE

See illustration B. The magazine may be inserted with the bolt in either the closed or the open position.

1. Holding magazine at an angle as shown, insert fully into magazine well.

2. Pull bottom of magazine towards trigger guard until rear latch engages.

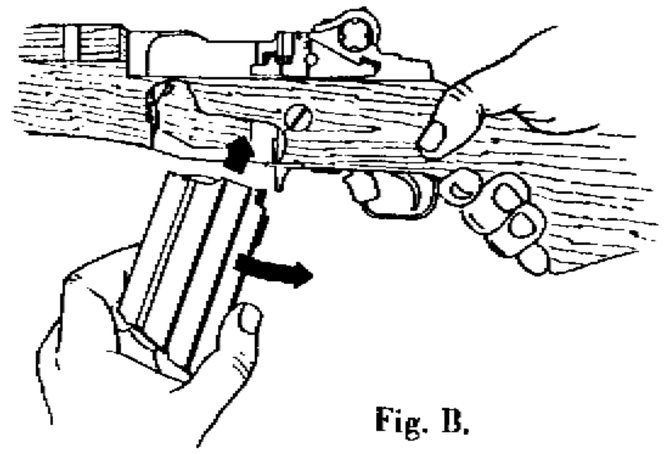


Fig. B.

## OPERATION

GENERAL: *Never* point your rifle at anything which you do not wish to shoot. *Always* check to be sure rifle is unloaded immediately before handling, dry-firing, cleaning, disassembly or storage.

This firearm has been thoroughly tested and inspected prior to shipment and we assume no responsibility or liability for any injury or damages resulting from its intentional or accidental discharge.

### TO LOAD AND FIRE:

Load magazine and insert into rifle.

Pull the slide handle fully to the rear and release it letting the slide snap forward under spring pressure. A cartridge will be stripped from the magazine and chambered by the forward motion of the bolt.

The rifle will now fire one shot for each pull of the trigger until the magazine is exhausted. When the last cartridge is fired, the bolt hold open latch will automatically engage holding the bolt and the slide open.

To unload the rifle, put the Safety in the "On" position; remove the magazine and pull the slide handle entirely to the rear extracting and ejecting the chambered cartridge.

## SIGHT ADJUSTMENT

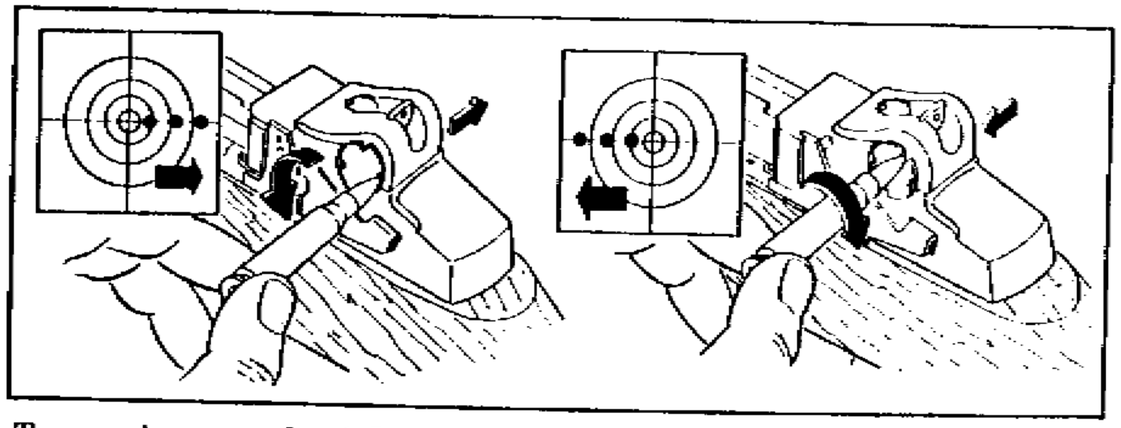
GENERAL: The .223 (5.56mm) cartridge used by the MINI-14 has a very flat trajectory. Generally, if the rifle is sighted in to hit the point of aim at a distance of 200 yards, no change in point of aim or sight adjustment is required to keep within a 9" circle at all ranges from 0-300 yards.

REAR SIGHT: The rear sight is adjustable for both windage and elevation. The point of a bullet can be used to depress the lock plunger allowing



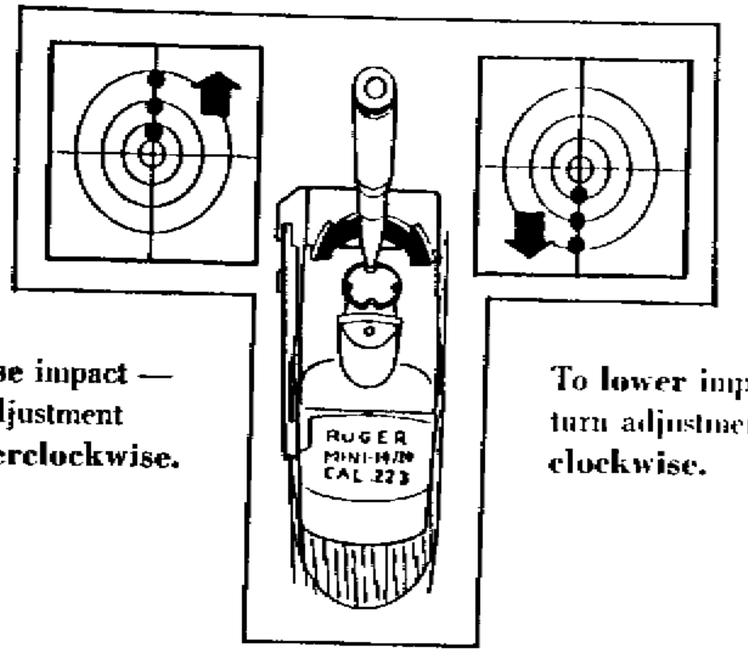
the adjustment to be moved ¼ turn in either direction. A ¼ turn will move the point of impact 1.5" at 100 yards. The sight adjustment has been made deliberately positive so that it cannot under normal circumstances be accidentally disturbed.

### WINDAGE ADJUSTMENT



To move impact to the **right** — turn adjustment **counterclockwise.**
To move impact to the **left** — turn adjustment **clockwise.**

### ELEVATION ADJUSTMENT




To **raise** impact — turn adjustment **counterclockwise.**

To **lower** impact — turn adjustment **clockwise.**

## FIELD STRIPPING AND REASSEMBLY

The Ruger MINI-14 can be field stripped to its basic subassemblies in less than 30 seconds. Reassembly is just as simple and rapid.

No tools are required to accomplish field stripping. A cartridge can be used to unlatch the spring steel trigger guard.

A careful reading of the illustrated instructions which follow will be more than repaid by the ease with which you will be able to maintain your MINI-14.

## FIELD STRIPPING

1. Remove magazine (Fig. C).

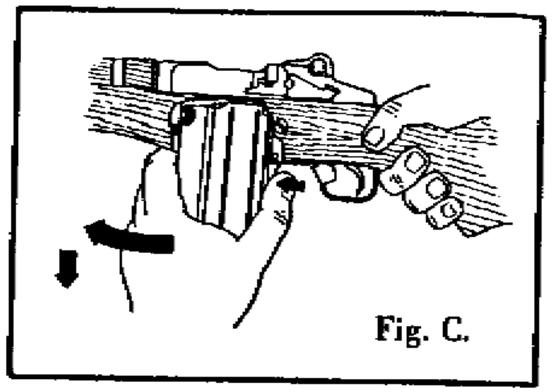


Fig. C.

2. Pull cocking handle entirely to rear and release. Put Safety "On", (Fig.D). (Note: Hammer must be cocked and Safety must be "On" to accomplish disassembly and reassembly).

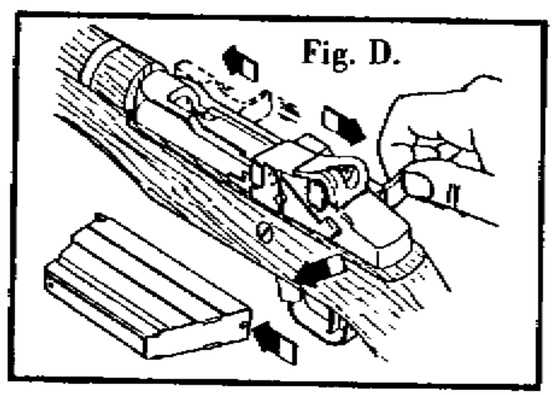


Fig. D.

3. Using a cartridge or other suitable tool, spring open trigger guard latch (Fig. E).

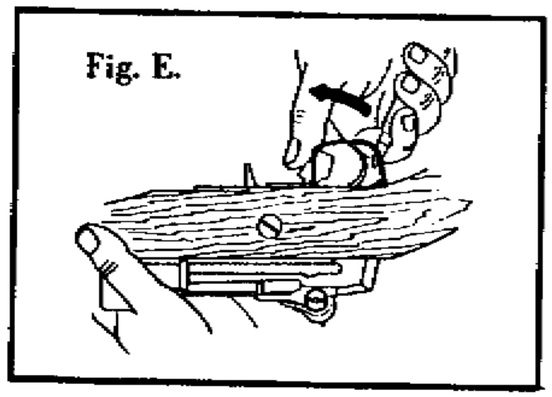


Fig. E.

4. Remove trigger group (Fig. F).

Fig. F.



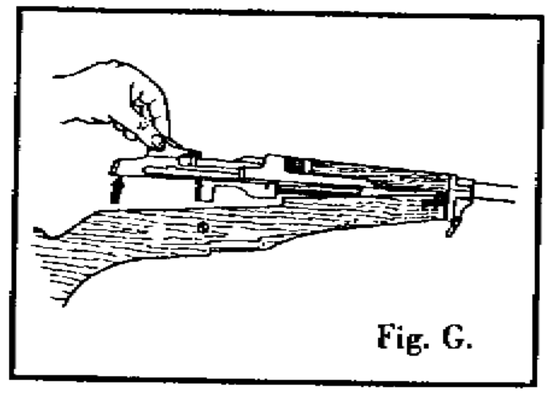


Fig. G.

5. Remove Barrel/receiver assembly from stock (Fig. G).

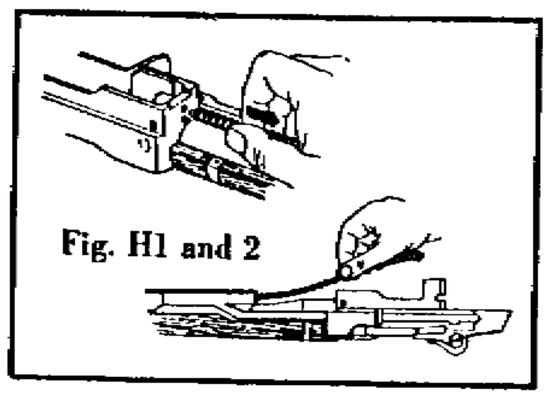


Fig. H1 and 2

6. Remove Recoil spring guide and recoil spring (Fig. H1 and 2). Caution: Mainspring is heavily compressed — Use care while disassembling or reassembling to prevent mainspring assembly from escaping and possibly causing injury.

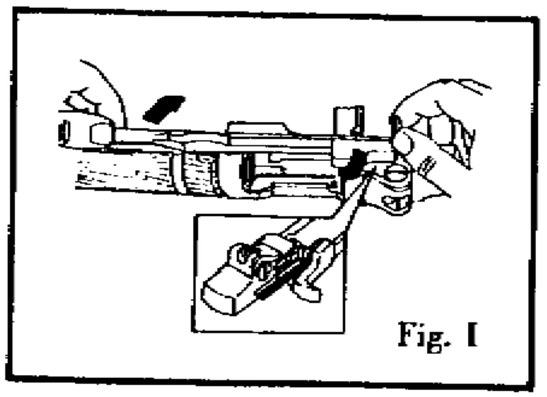


Fig. I

7. Pull slide handle to the rear. Align locking projections on slide with disassembly notch on receiver. Remove slide (Fig. I).

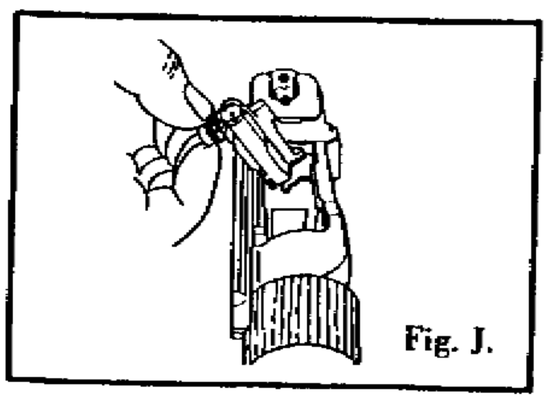


Fig. J.

8. Pull the bolt forward until it pivots out of the receiver. Align firing pin projection with slot in lower receiver bridge. Remove bolt (Fig. J).

Further disassembly should not be required and is not recommended unless performed by competent persons experienced in gunsmithing.

## REASSEMBLY

Reassembly is accomplished by reversing the steps outlined above. Note that the hammer must be cocked and the Safety must be "On".

## CARE AND CLEANING

Always check to be sure rifle is unloaded before handling.

1. Field strip rifle.

2. To clean the bore and chamber, wipe out powder residue with a clean cloth patch, saturated with a recognized brand of powder solvent and follow the manufacturer's directions. The bore and chamber should then be wiped clean and a very light film of oil applied to prevent rust.
(Note: Only a very small amount of oil is required to provide adequate lubrication of moving parts and prevent rust. An excess of oil (or *any solid* obstruction) in the bore may cause damage to this or any other firearm.)

3. Using powder solvent, remove powder residue from all components of the mechanism including the cylindrical chamber in the front of the slide, the fixed gas piston and the inside steel liner of the forearm. Lightly oil all components as noted above.

4. It will do no harm to apply a small drop of oil at all pivot points and to the bolt roller.

5. Reassemble the rifle.

PERIODIC MAINTENANCE — The design of the MINI-14 provides unequalled ease of maintenance.

At regular intervals or when the rifle has been exposed to sand, dust, extreme humidity or other adverse conditions, disassemble it and clean and oil as outlined above.

Take advantage of the rapid field stripping procedure to ensure that your MINI-14 will always be ready when you need it.

## SERVICE POLICY

Before shipment every Ruger firearm is carefully inspected and test-fired in order to prove that it is in perfect condition and conforms fully to our specifications and standards. If there is any question with regard to the performance of the rifle, please write to our Service Department, fully describing all circumstances and conditions involved.

If you should return your gun for repair or order parts, please comply with the following suggestions for prompt service:



**PARTS:**

1. IMPORTANT — ALWAYS ADVISE SERIAL NUMBER WHEN ORDERING PARTS. IF SERIAL NUMBER IS NOT GIVEN PARTS SUPPLIED MAY NOT BE CORRECT.

2. All parts orders should be sent to: Sturm, Ruger & Company, Inc.
Products Service Dept.
*Southport, Connecticut* 06490.

3. Please send remittance with order for parts. Because of handling costs, we cannot accept orders for parts for less than $1.00.

4. Order parts by both name and number.

**FIREARMS:**

1. Ruger MINI-14's returned for service should be sent to:
Sturm, Ruger & Company, Inc.
Products Service Dept.
*Newport, New Hampshire* 03773.

2. Guns shipped to the factory should be sent prepaid. We will not accept collect shipments.

3. For best repair service, always enclose letter furnishing serial number and Model of rifle. Also, state nature of trouble experienced or of work desired. (Merely stating "defective" or "repair" is inadequate information.)

Please enclose copies of any previous correspondence.

4. Except for rifles still in warranty, any work performed will bear a net minimum labor charge of $5.00. The charge for re-bluing is $20.00, which includes labor.

5. Federal regulations must be complied with when shipping any firearm. In certain states and under certain regulations, it may be *impossible* for us to return a repaired firearm to an individual. It is therefore most strongly recommended that all firearms sent to us for repair, be sent through a federally licensed dealer!

*NOTICE: Check chamber and magazine before shipping. If firearms are sent to us in a loaded condition, we must notify Federal authorities.*

*Please do NOT send to our factory your scope or rifle case with the firearm being sent to us for repair.*

**Prices and specifications subject to change at our discretion without notice.**

## RETAIL PARTS LIST

*NOTE: Replacement parts marked with → must be fitted by a person qualified in gun repair.*

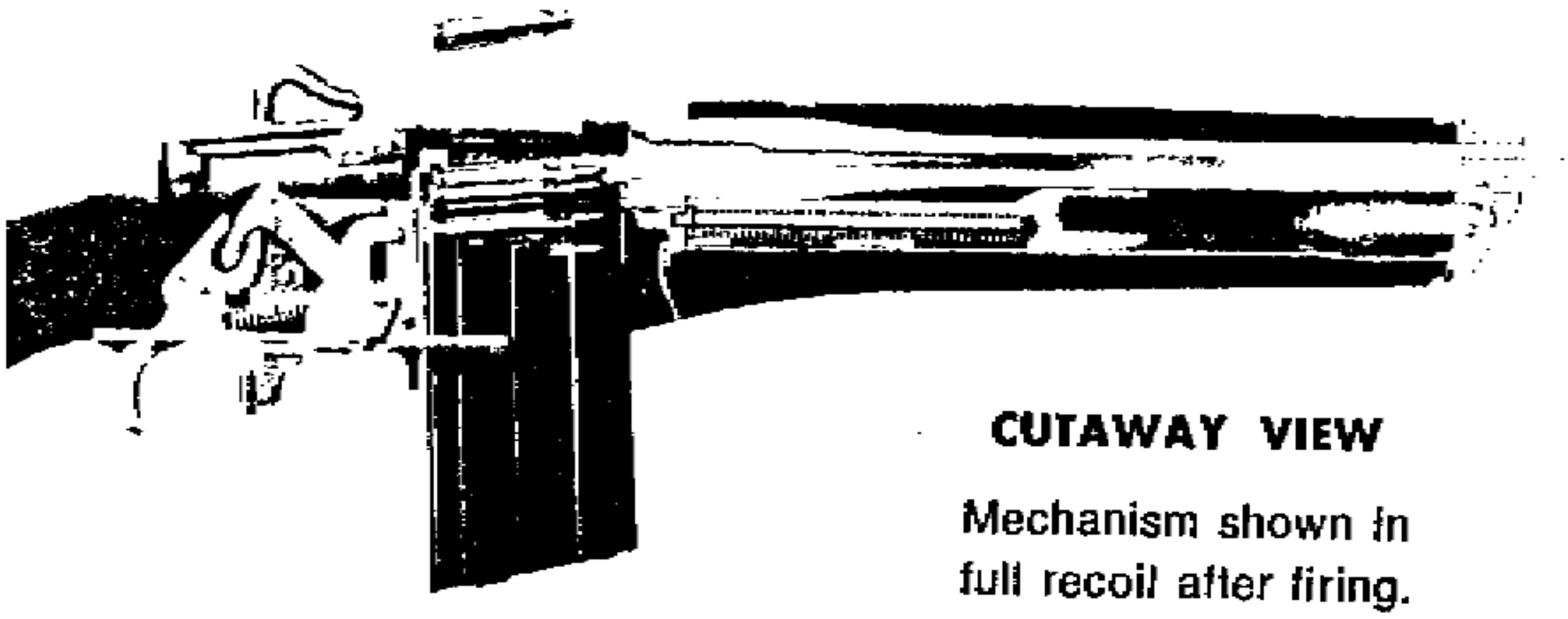
| Part No. | Description | Price |
|---|---|---|
| *M-3 | Barrel | $45.00 |
| *M-10 | Bolt and Roller Assembly | 18.50 |
| M-32 | Bolt Lock | 3.00 |
| M-15 | Bolt Lock Plunger | .35 |
| M-46 | Bolt Lock Plunger Spring | .35 |
| C-63 | Butt Plate | 2.50 |
| C-64 | Butt Plate Screw (2 req'd) | .25 |
| M-8 | Ejector | 1.00 |
| M-70 | Ejector Spring | .35 |
| →M-14 | Extractor | 7.00 |
| M-16 | Extractor Plunger | .50 |
| M-15 | Extractor Spring | .35 |
| *M-11 | Firing Pin | 6.50 |
| M-22 | Forearm Liner and Stock Cap Assembly | 6.00 |
| M-11F | Front Sight | 7.00 |
| MF-133 | Front Sight Cross Pin | .35 |
| *M-35 | Gas Block—Top and Bottom | 18.00 |
| M-65 | Gas Block Screw (4 req'd) | .35 |
| M-25 | Gas Port Bushing | 1.00 |
| M-39 | Guide Rod | 4.00 |
| →M-17 | Hammer | 12.00 |
| M-19 | Hammer Pivot Pin | .75 |
| M-17 | Hammer Spring | 1.00 |
| M-18 | Hammer Strut | 1.00 |
| M-5 | Hand Guard | 14.00 |
| M-41 | Hand Guard Clip | 1.00 |
| Mag-5 | Magazine—5 Shot—Complete (not illustrated) | 6.00 |
| **Mag-20 | Magazine—20 Shot—Complete (not illustrated) | 7.50 |
| **Mag-30 | Magazine—30 Shot—Complete (not illustrated) | 7.50 |
| M-31 | Magazine Bottom—5 Shot (not illustrated) | 2.00 |
| M-26 | Magazine Bottom Retainer—5 Shot (not illustrated) | .75 |
| **M-29 | Magazine Floor Plate—20 Shot & 30 Shot | 1.25 |
| M-30 | Magazine Follower—5 Shot, 20 Shot or 30 Shot | 2.00 |
| M-27-5 | Magazine Shell—5 Shot | 3.75 |
| **M-27 | Magazine Shell—20 Shot | 4.75 |
| **M-27-30 | Magazine Shell—30 Shot | 5.00 |
| M-28-5 | Magazine Spring—5 Shot | .75 |
| **M-28 | Magazine Spring - 20 Shot | 1.00 |
| **M-28-30 | Magazine Spring—30 Shot | 1.00 |
| M-27-S | Magazine Supplement—5 Shot (not illustrated) | .50 |



## RETAIL PARTS LIST

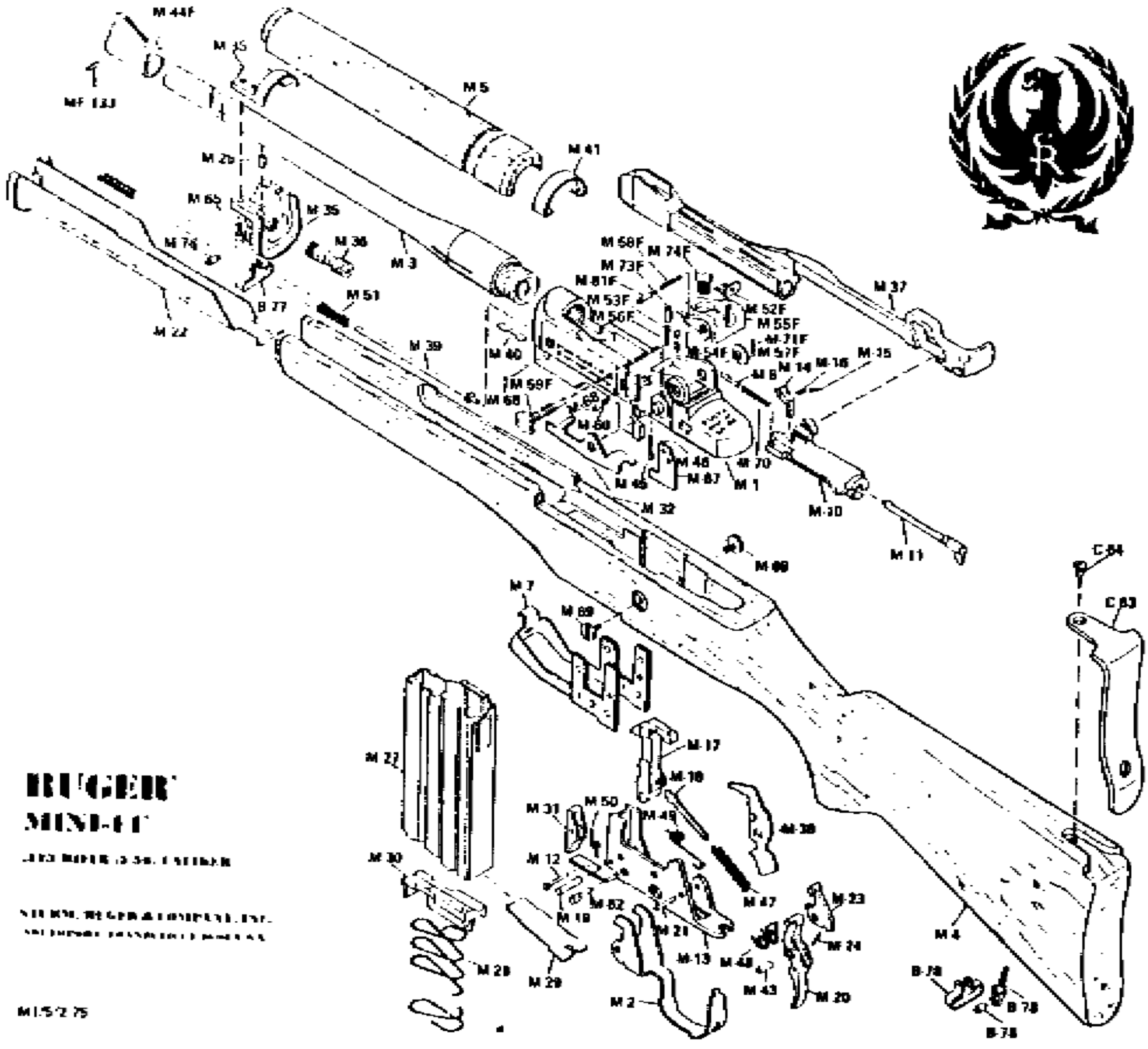
| Part No. | Description | Price |
|---|---|---|
| M-31 | Magazine Latch | 3.50 |
| M-40 | Magazine Catch | 1.00 |
| M-12 | Magazine Latch Pivot Pin | .35 |
| M-66 | Magazine Catch Retaining Pin | .35 |
| M-50 | Magazine Latch Spring | .50 |
| →M-36 | Piston | 9.50 |
| M-55F | Rear Sight, Base | 4.25 |
| M-73F | Rear Sight, Elevation Detent Plunger | .75 |
| M-56F | Rear Sight, Elevation Detent Plunger Spring | .35 |
| M-74F | Rear Sight, Elevation Screw | 2.00 |
| M-54F | Rear Sight, Elevation Plunger Spring | .35 |
| M-53F | Rear Sight, Elevation Plunger | .75 |
| M-57F | Rear Sight, Nut | 1.00 |
| M-52F | Rear Sight, Peep | 1.75 |
| M-61F | Rear Sight, Windage Detent Plunger | .75 |
| M-58F | Rear Sight, Windage Detent Spring | .35 |
| M-59F | Rear Sight, Windage Screw | 2.00 |
| M-71F | Rear Sight, Windage Screw Pin | .35 |
| M-1 | Receiver | (Not Offered) |
| M-51 | Recoil Spring | 2.50 |
| M-67 | Retainer Plate | 1.75 |
| M-68 | Retainer Plate Plunger | .35 |
| M-60 | Retainer Plate Plunger Spring | .35 |
| →M-38 | Safety Assembly | 3.50 |
| M-49 | Safety Detent Spring | .50 |
| M-62 | Safety Spring Retaining Pin | .35 |
| →M-23 | Secondary Sear | 4.50 |
| M-24 | Secondary Sear Spring | .35 |
| →M-37 | Slide | 29.50 |
| B-77 | Sling Swivel (front) | .75 |
| B-78 | Sling Swivel (rear) (assembly) | 2.00 |
| M-76 | Sling Swivel Pin (front) | .50 |
| M-4 | Stock | 37.50 |
| M-7 | Stock Reinforcement | 11.00 |
| M-69 | Stock Reinforcement Screw (2 req'd) | .50 |
| →M-20 | Trigger | 7.50 |
| M-43 | Trigger Bushing | .50 |
| M-2 | Trigger Guard | 4.50 |
| M-13 | Trigger Housing | 14.00 |
| M-21 | Trigger Pivot | .50 |
| M-48 | Trigger Spring | .50 |

**Must be fitted at the factory.*
***Available only for governmental or police requirements.*



**CUTAWAY VIEW**

Mechanism shown in full recoil after firing.

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**MINI-14**

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